

CLAIMS

I claim:

1. Agricultural machine with a drive train (5) for coupling onto the power take-off shaft (6) of a tractor (3), with a transmission integrated into the drive train (5), characterized in that the transmission is a continuously variable conical-disk belt or chain transmission.

2. Agricultural machine according to claim 1, characterized in that a power-flow interrupter (37), as well as an idle-shifting in the starting transmission ratio, are assigned to the conical-disk belt or chain transmission in the drive train (5).

3. Agricultural machine according to claim 2, characterized in that the power-flow interrupter is a clutch (37).

4. Agricultural machine according to claim 3, characterized in that the clutch (37) is to be activated hydraulically.

5. Agricultural machine according to claim 1, characterized in that

the conical-disk belt or chain transmission is fully hydraulic.

6. Agricultural machine according to claim 1,
characterized in that
it has at least one hydraulic pump (18) to deliver hydraulic pressure to the conical-disk belt or chain transmission and/or the clutch (37).

7. Agricultural machine according to claim 6,
characterized in that
the hydraulic pump (18) is driven by the power take-off shaft (6).

8. Agricultural machine according to claim 2,
characterized in that
a control (39) is provided for the time-offset triggering of the clutch (37) and the idle-shifting (35, 42).

9. Agricultural machine according to claim 8,
characterized in that
the control is assigned at least one position detection sensor for a conical disk (10, 13).